

December 1997
Project Manager: Chuck Mason

Keizer Levee, Keizer, Oregon Fact Sheet

AUTHORITY: Construction General, Continuing Authorities Program, Section 205
SPONSOR: City of Keizer
STUDY PHASE: Feasibility Phase

LOCATION: The project is located within the City of Keizer, which is five miles north of Salem and 40 miles south of Portland. The levee protects the western limits of the city from high flows of the Willamette River.

PROBLEMS AND OPPORTUNITIES: The levee was constructed in 1964 by local interests, as a result of the 1964 flood, which caused major flood damage to the developed portions of Keizer. The levee is constructed along the right bank of the Willamette River and varies in height to supplement the naturally high river bank. However, since the levee does not meet Federal standards concerning design and right-of-way easements, the Federal Emergency Management Agency Flood Insurance Study indicated that much of the city was within the 100-year floodplain. Due to the possibility of levee failure, the city was forced to evacuate 12,000 people for three days during the flood of February 1996. If the levee can be upgraded to Federal standards for both structural and maintenance requirements, the level of protection could be increased significantly.

Alternative Plans: A preliminary assessment was completed in September 1997, which indicated that several measures were economically justified, including: a small cutoff dike, minor improvements to 400 feet of the existing levee, and installing positive closure valves to three storm water discharge pipes through the levee. Additional measures will be studied during the feasibility phase and presented in the Detailed Project Report (DPR).

Status: The feasibility phase was initiated in July 1997.

Schedule:

Initiate Feasibility Study	July 1997
Complete Preliminary Assessment	September 1997
Complete Project Study Plan	March 1998
Initiate DPR	April 1998

Congressional District(s): The study is within Oregon's 5th Congressional District, represented by Darlene Hooley.